



Certificate of Analysis

Veterinary Drugs Comprehensive Mix – Submix 3B

**Agilent Part
Number:** 5190-0571B

**Sample Lot
Number:** CL-5352

This analytical reference material was manufactured and verified in accordance with an ISO 9001 registered quality system, and the analyte concentrations were verified by an ISO 17025 accredited laboratory. The certified value for each analyte was determined gravimetrically.

Analyte	CAS#	Analyte Lot	Certified Value
Flumequine	042835-25-6	RM03028	100.1 ± 0.5 µg/mL
Marbofloxacin	115550-35-1	RM05882	100.4 ± 0.5 µg/mL
Oxolinic acid	014698-29-4	RM05970	100.0 ± 0.5 µg/mL
Trimethoprim	000738-70-5	RM05956	100.0 ± 0.5 µg/mL
Lincomycin hydrochloride (as Lincomycin)	000859-18-7 (000154-21-2)	RM05953	100.2 ± 0.5 µg/mL
Erythromycin	000114-07-8	RM05911	100.4 ± 0.5 µg/mL
Josamycin	056689-45-3	RM05924	100.2 ± 0.5 µg/mL
Spiramycin	008025-81-8	RM05937	100.2 ± 0.5 µg/mL
Tilmicosin	108050-54-0	RM05880	100.0 ± 0.5 µg/mL
Tylosin tartrate (as Tylosin A)	001405-54-5 (008026-48-0)	RM05950	100.1 ± 0.5 µg/mL
Sulfachloropyridazine	000080-32-0	RM06511	100.0 ± 0.5 µg/mL
Sulfadiazine	000068-35-9	RM02525	100.0 ± 0.5 µg/mL
Sulfadimethoxine	000122-11-2	RM05947	100.0 ± 0.5 µg/mL
Sulfamethazine	000057-68-1	RM02527	100.0 ± 0.5 µg/mL
Sulfadoxin	002447-57-6	RM06009	100.2 ± 0.5 µg/mL
Sulfamerazine	000127-79-7	RM02529	100.0 ± 0.5 µg/mL
Sulfamethoxazole	000723-46-6	RM02532	100.0 ± 0.5 µg/mL
Sulfamethoxyipyridazine	000080-35-3	RM03859	100.0 ± 0.5 µg/mL
Sulfanilamide	000063-74-1	RM05914	100.0 ± 0.5 µg/mL
Sulfathiazole	000072-14-0	RM02526	100.0 ± 0.5 µg/mL
Clorsulon	060200-06-8	RM05881	100.4 ± 0.5 µg/mL

Solvent: acetonitrile / water (9:1)

Calibrated Class A glassware and clean bottles were used in the manufacture of this standard. Balances used in the manufacture of this standard are calibrated with weights traceable to NIST in compliance with ANSI/NCCL Z-540-1 and ISO 9001.

Storage: Store at Room Temperature (18-25°C), Do Not Refrigerate

Date of release: 06 January 2015

Date of expiration: 31 January 2016


William J. Lear
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